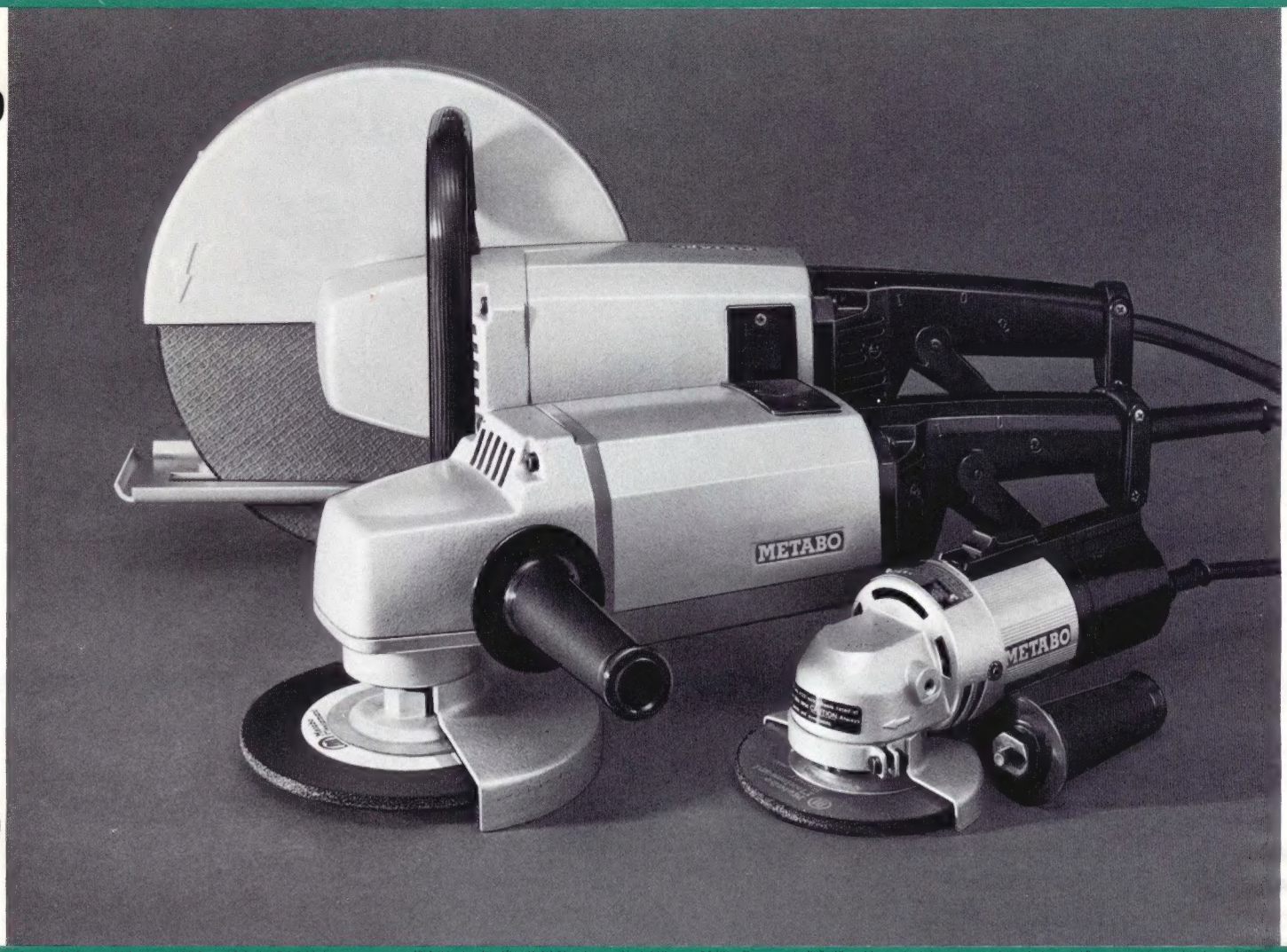
Metabo



Tomorrow's Design Available Today!

Metabo Angle Grinders

Metabo offers a complete line of highest-quality angle grinders for continuous heavy-duty use, from the 4-½" AG 500 SA to the big 20 amp AG 2000 and AG 2010 models, plus the AG 2300 12" heavy-duty portable cut-off machine.

For Safety: Metabo Professional Power Tools

FERROSTAAL–METABO TOOL CORPORATION
37–22 13th Street Long Island City N.Y. 11101
(212) 786–2220 P.O. Box 1482

Metabo

Tomorrow's Design Available Today!

Check these Exceptional Features:

High-speed, high-performance units for fastest removal rates.

Spiral bevel and pinion gears, lapped and matched to each other, for smoothest-running performance.

Precision ball and needle bearings throughout.

Double-insulated construction, supplied with 3-prong cord.

Epoxy-insulated armature with welded commutator for longer life.

Easily accessible pop-out carbon brushes protect against armature failure due to worn brushes.

Comfort-designed switch handles.

Cord strain-relief protectors.

High-velocity airflow vents designed to keep motor cool and grit-free.

Available with full line of accessories for most versatile use.

Metabo grinders comply with OSHA requirements.

Metabo S-Automatic Safety Clutch:

Metabo angle grinders incorporate many outstanding features for top performance listed on this page. The AG 500 SA, the AG 1700 and AG 1710, as well as the AG 2300 models are moreover equipped with the Metabo S-Automatic safety clutch providing additional safety for tool and operator.

Here is how the S-Automatic works: We set it during manufacture to full load conditions so that the motor continues to run if the grinding disc binds or stalls due to overload.

In this way, the motor and the gears will be protected against overload. Also protects tool operator because excessive torque or sudden overloads cannot tear the grinder out of your hand.

The Metabo S-Automatic safety clutch has an unlimited lifetime and requires no maintenance.

Only Metabo offers this feature.

Follow these Safety Tips:

- Wear goggles when grinding or sanding
- Safety gloves are recommended
- Always use proper guards
- Do not exceed recommended wheel diameters
- Only use accessories with safe operating speeds not lower than the no-load speed marked on the tool's nameplate.

Warranty

Metabo power tools have been carefully testet and inspected before shipment and are warrenteed to be free from any defects in materials and workmanship for a period of 12 months from date of purchase based on warranty card returned to us.

Should trouble develop, simply return complete tool prepaid to Ferrostaal-Metabo Tool Corporation or its nearest authorized Service Center. If inspection shows defective material or workmanship, all repairs will be made without charge during the warranty period.

This warranty does not apply to normal wear and tear. It does not cover any damages caused by careless or unsafe handling, alterations, accidents, misuse, or repairs attempted or made by personnel other than Ferrostaal-Metabo Tool Corporation or its authorized Service Centers. This warranty applies in lieu of any other warranties, expressed or implied, and variations of its terms are not authorized.

Metabo

Model AG 500 SA

4-1/2" One-hand Angle Grinder

Special Features

Exclusive built-in Metabo S-Automatic safety clutch.
Lightweight – only 4-1/2 lbs.
Powerful 4.8 amp motor.
Ideal for all grinding and sanding jobs.
Convenient improved instant-release heavy-duty double pole switch with locking provision, for right or left-hand use.
Reversible side handle.

Specifications

The AG 500 SA will accept grinding wheels and cut-off wheels up to	4-1/2"
No-load speed	8000 RPM
Rated at 115 V AC	4.8 AMPS
Net Weight	4-1/2 LBS
Overall length	11"

Standard Equipment includes:

two 4-1/2" Metabo grinding wheels, one 4-1/2" Metabo cut-off wheel, hook spanner and face spanner. Available also with carrying case.

Safety Note

Always wear safety goggles during grinding operations !

Metabo

Model AG 1700 7" Angle Grinder
Model AG 1710 9" Angle Grinder

Special Features

Exclusive built-in Metabo S-Automatic safety clutch.
Latest addition to the Metabo line incorporates the most modern design features and engineering standards.
Handiest tool in its class.
Handles all grinding jobs.
Momentary contact heavy-duty double-pole switch with switch guard to prevent accidental starts.
Reversible side handle.

Specifications

	AG 1700	AG 1710
Grinder will accept grinding and cut-off wheels up to	7"	9"
No-load speed	8500 RPM	6500 RPM
Rated at 115 V AC	15 AMPS	15 AMPS
Spindle	5/8"–11	5/8"–11
Net weight	11 LBS	11 LBS
Overall length	19"	19"

Standard Equipment includes:

Adaptor kit for wheel mounting,
reversible side handle,
open-end wrench.
Available also with carrying case.

Safety Note

Always wear safety goggles during drinding operations !

Metabo

Model AG 2000 7" Angle Grinder
Model AG 2010 9" Angle Grinder

Special Features

Large capacity grinder handles the toughest jobs.
Powerful 20 amp motor for extra heavy duty use.
Instant-release heavy-duty double pole switch with switch guard to prevent accidental starts.
Reversible side handle

Specifications

Specifications	AG 2000	AG 2010
Grinder will accept grinding and cut-off wheels up to	7"	9"
No-load speed	8500 RPM	6500 RPM
Rated at 115 V AC	20 AMPS	20 AMPS
Spindle	5/8"–11	5/8"–11
Net weight	13 LBS	13 LBS
Overall length	19"	19"

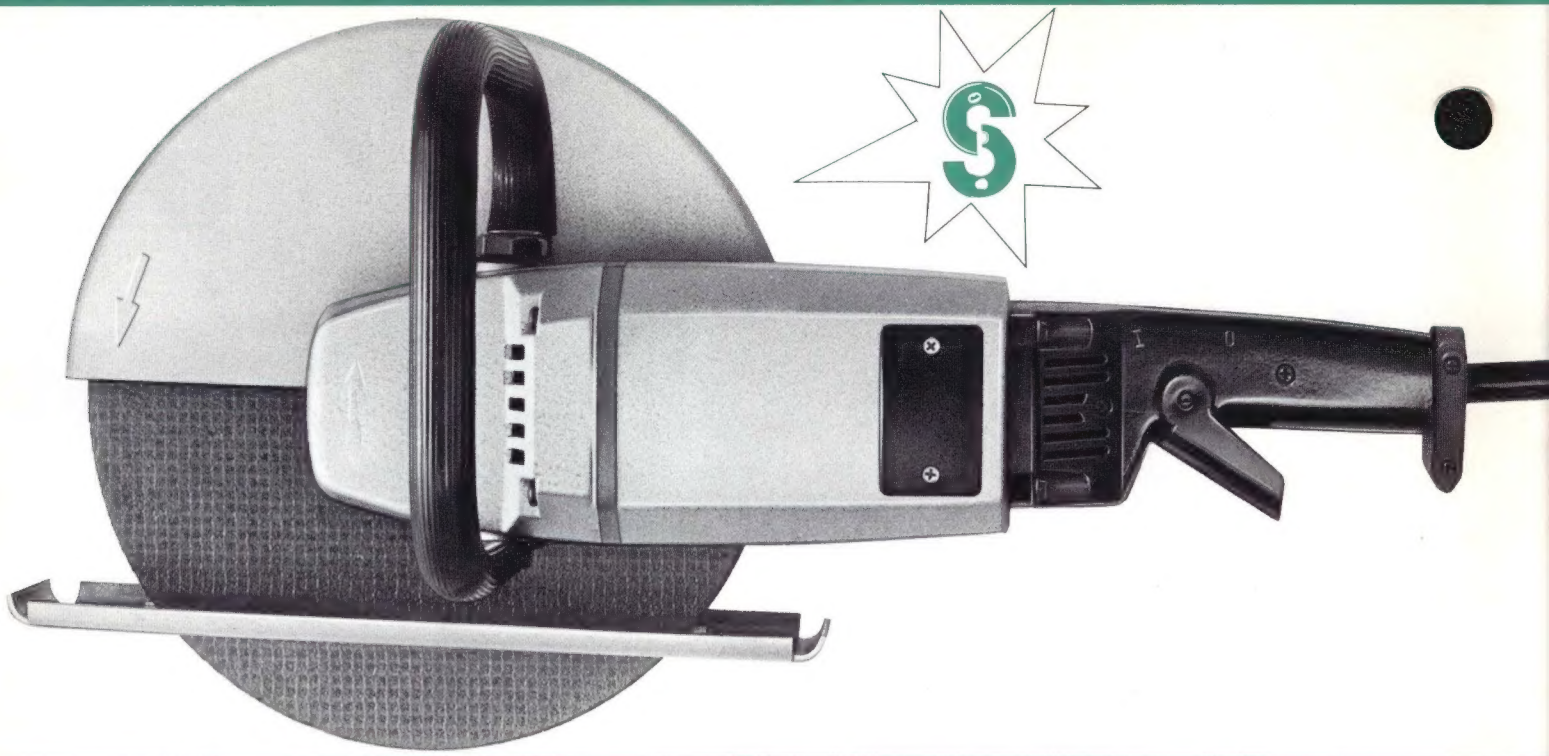
Standard Equipment includes:

Adaptor kit for wheel mounting,
reversible side handle,
open-end wrench.
Available also with carrying case.

Safety Note

Always wear safety goggles during grinding operations !

Metabo



Model AG 2300

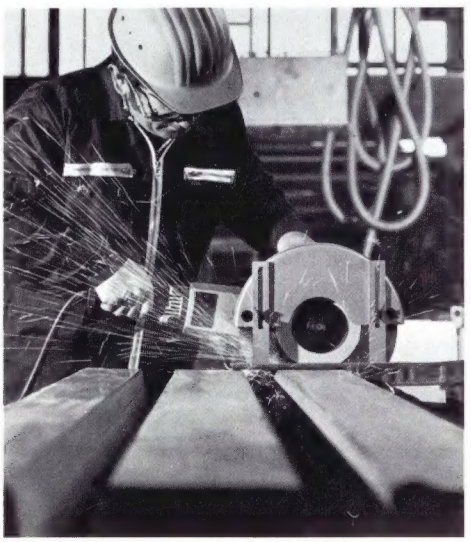
12" Heavy-Duty Portable Cut-Off Machine

Special Features

The only cut-off machine with the exclusive built-in Metabo S-Automatic safety clutch.
Quick-stopping motor for greater safety.
Extra powerful 22 amp motor.
Wrap-around side handle.
Momentary contact heavy-duty double-pole switch with switch guard to prevent accidental starts.
Offers greater ease and speed in cutting steel, masonry, concrete and all composition material.

Specifications

Machine will accept cut-off wheels up to	12"
No-load speed	5000 RPM
Rated at 115 V AC	22 AMPS
Max. depth of cut	4"
Spindle	5/8"–11
Net weight	24 LBS
Overall length	25"



Standard Equipment includes:

Set of spanner wrenches,
two wheel flanges,
wheel guard and guide frame,
wrap-around side handle,
two 12" Metabo cut-off wheels, one each for metal and masonry.
Available also with carrying case.

Safety Note

Always wear safety goggles during grinding operations !

Accessories for Model AG 500 SA 4-½" Angle Grinder

Cat. No. 16.726

Cat. No. 16.727

Cat. No. 29.174

Cat. No. 23.273

Cat. No. 23.274

Cat. No. 24.136

Cat. No. 23.700

Cat. No. 23.795

Cat. No. 23.927

Cat. No. 23.928

	Grade	Cat. No.
Grinding Wheels		
4-1/2" x 1/4" x 7/8"	A 24 N for steel C 24 N for stone and non-ferrous metals	16.726 16.729
Cut-Off Wheels		
4-1/2" x 1/8" x 7/8"	A 30 S for steel C 30 S for stone and non-ferrous metals	16.727 16.728
Cup Grinding Wheels		
3-1/8" x 1" x 7/8"	A 80 M for steel C 30 N for stone and non-ferrous metals	29.174 29.175
Cup Wheel Guard		23.273
Flexible Backing Pad		
4-1/2" dia.	approved for peripheral speed of 262.5 FPS, complete with clamp washer	23.274
Abrasive Discs		
4-1/2" dia.	Grit 24 Grit 40 Grit 60 Grit 80 Grit 100	24.136 24.137 24.138 24.139 24.140
Cup Wire Brushes	2-3/8" 2-3/4", twisted	23.700 23.795
Hook Spanner		23.927
Face Spanner		23.928
Sturdy all-metal Carrying Case		23.999

Note:

For best performance and safety, we recommend the use of Metabo accessories only.

Metabo

Accessories for Models AG 1700 and AG 2000 - 7" Angle Grinders and AG 1710 and AG 2010 - 9" Angle Grinders

Cat. No. 16.560

Cat. No. 16.300

Cat. No. 16.170

Cat. No. 23.142

Cat. No. 55.027

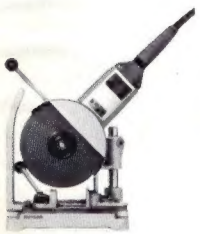
Cat. No. 55 029

Cat. No. 23.765

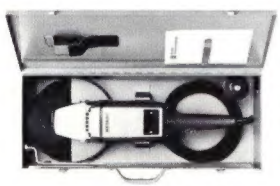
Cat. No. 23.130

Cat. No. 23.908

Cat. No. 55.039



Cat. No. 33.031



Cat. No. 23.866

	Grade	Cat. No.
Depressed Center Grinding Wheels		
7" x 1/4" x 7/8"	A 24 N for steel	16.560
	C 24 N for stone and non-ferrous metals	16.660
9" x 1/4" x 7/8"	A 24 N for steel	16.572
	C 24 N for stone and non-ferrous metals	16.672
Depressed Center Cut-Off Wheels		
7" x 1/8" x 7/8"	A 30 S for steel	16.300
	C 30 S for stone and non-ferrous metals	16.301
9" x 1/8" x 7/8"	A 30 S for steel	16.302
	C 30 S for stone and non-ferrous metals	16.303
All 7" and 9" depressed center grinding and cut-off wheels available with throw-away hub		
Cup Grinding Wheels resin bonded, approved for 8800 RPM		
4-5/16" / 3-1/2" x 2-3/16" x 7/8"	A 16 Q for steel	16.170
4-5/16" / 3-1/2" x 2-3/16" x 7/8"	C 16 N for stone and non-ferrous metals	16.171
Cup Wheel Guard		23.142
Flexible Backing Pads complete with clamp washer		
	7" dia. — for 8500 RPM	55.027
	9" dia. — for 6600 RPM	55.028
Abrasive Discs 7" dia.	Grit 24	55.029
	Grit 36	55.030
	Grit 60	55.031
	Grit 80	55.032
	Grit 100	55.033
9" dia.	Grit 24	55.034
	Grit 36	55.035
	Grit 60	55.036
	Grit 80	55.037
	Grit 100	55.038
Cup Wire Brush 4", twisted, single row		23.765
Angle Piece to re-position side handle 90°		23.130
Adaptor Kit for wheel mounting		55.039
Open-end Wrench		23.908
Sturdy all-metal Carrying Case		23.866
Cut-Off Stand		33.031

Accessories for Model AG 2300 12" Electric Heavy-Duty Cut-Off Machine

Cat. No. 16.230

Cut-off wheels	A 30-S for steel	16.135
	C 30-S for concrete, non-ferrous metals and composition materials	16.155
	CA 30-S for cast iron	16.230

Ferrostaal-Metabo Tool Corporation is a member of the Power Tool Institute, Mt. Prospect, Illinois